

IN THE SPECIFICATION:

Please amend the specification as follows:

Page 11, please replace the first full paragraph with the following new paragraph.

However, when the alternating current voltage is continuously applied between the source electrode 204 and the drain electrode 205 by an alternating current power source 207, the CNTs are aligned in a direction from the source electrode 204 to the drain electrode 205 (Figs. 3A and 3B). In addition, the solvent in the CNT solution 206 is removed with the lapse of time because it has a volatile property. Then, only the CNTs are left in the position where the CNT solution has been dropped, so that a CNT layer 208 contains the CNTs is produced. Note that, in order to effectively remove the solvent of the dropped CNT solution 206 to produce the CNT layer, the substrate can be heated by a heater or the like or a pressure of a surrounding environment can be reduced.

Page 15, please replace the first full paragraph with the following new paragraph.

However, when the alternating current voltage is continuously applied between the source electrode 404 and the drain electrode 405 by an alternating current power source 408, as shown in Fig. 3B in Embodiment 1, the CNTs are aligned in a direction perpendicular to the longitudinal direction of the two electrodes. In addition, the solvent in the CNT solution is removed with the lapse of time because it has a volatile property. Then, only the CNTs are left in the position where the CNT solution has been applied, so that a CNT layer containing only the CNTs is produced. Note that, in order to effectively remove the solvent of the dropped CNT solution to produce the CNT layer, the substrate can be heated by a heater or the like or a pressure of a surrounding environment can be reduced.